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Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER MElrose 4-5131

For release December 14, 1962 ATLANTA 22, GEORGIA Vol. 11, No. 49

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED DECEMBER 8, 1962

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POLIOMYELITIS – Eight cases of poliomyelitis (6 paralytic) were reported for the week ending December 8, 1962. This is markedly lower than the total of 19 cases (14 paralytic) noted last week, and is the lowest number of reported cases since the second week in June. The comparable week in 1961 brought reports of 19 cases (11 paralytic).

The cases this week occurred in only four States. No new case concentrations have been noted, and the low seasonal incidence continues.

The figures on the following pages show total and paralytic cases for 1962 and three of the preceding years (1957, 1959, 1961). The number of reported cases this year has remained below that for 1961.

The cumulative totals for 1962 are compared to the preceding four years in the tabulation shown below:

Poliomyelitis (1st through 49th Week) 1958-1962

	1962	1961	1960	1959	1958
Paralytic	677	846	2215	5553	3011
Total	851	1299	3170	8352	5867

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous week)

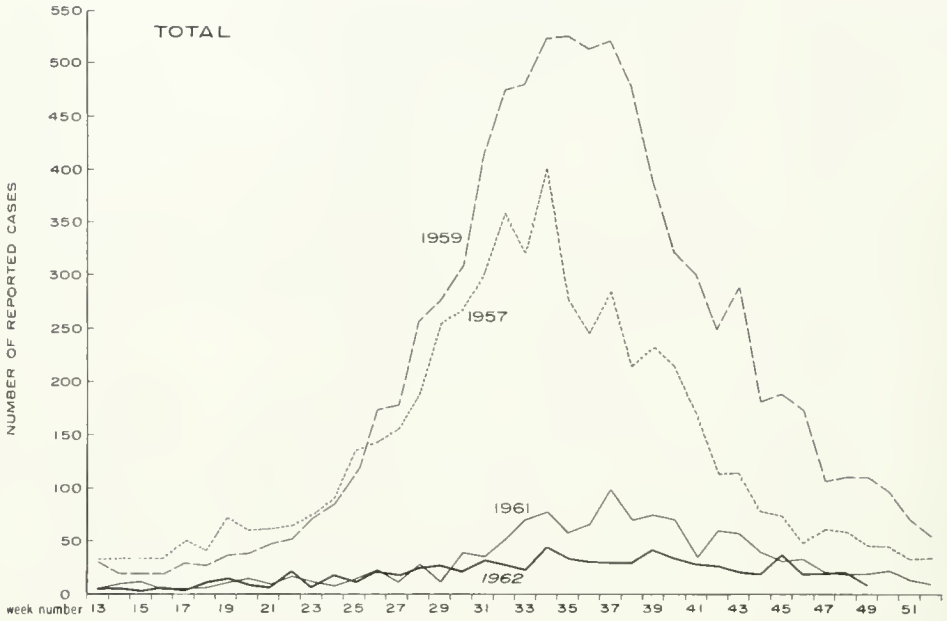
Disease	49th Week			Cumulative First 49 weeks		
	Ended December 8, 1962	Ended December 9, 1961	Median 1957 - 1961	1962	1961	Median 1957 - 1961
Aseptic meningitis	43	42	---	2,437	3,052	---
Brucellosis	14	11	12	375	556	701
Diphtheria	9	27	27	432	554	831
Encephalitis, infectious	28	30	36	1,727	1,574	1,744
Hepatitis, infectious and serum	905	1,367	526	50,657	68,943	21,431
Measles	3,693	3,646	4,092	464,822	409,236	417,027
Meningococcal infections	51	52	52	2,007	2,023	2,159
Poliomyelitis, total	8	19	49	851	1,299	5,791
Paralytic	6	11	33	677	846	2,936
Nonparalytic	2	3	6	121	309	1,974
Unspecified	-	5	10	53	144	881
Streptococcal sore throat and Scarlet fever	6,992	7,454	---	293,480	298,310	---
Tetanus	4	---	---	273	---	---
Tularemia	11	---	---	280	---	---
Typhoid fever	16	9	10	595	785	822
Typhus fever, tick-borne, (Rocky Mountain spotted)	-	---	---	214	---	---
Rabies in Animals	60	53	71	3,422	3,232	3,686

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:
Botulism:
Malaria: Ala. - 1
Plague:
Psittacosis: Pa. - 2
Rabies in Man:
Smallpox:
Typhus, murine: Tex. - 1

CURRENT U.S. POLIO INCIDENCE
COMPARED WITH YEARS 1957, 1959 and 1961
April - December, by week

DATA PROVIDED BY NATIONAL OFFICE OF VITAL STATISTICS AND COMMUNICABLE DISEASE CENTER



EPIDEMIOLOGICAL REPORT

Gastroenteritis Due to Salmonella typhimurium – Kansas

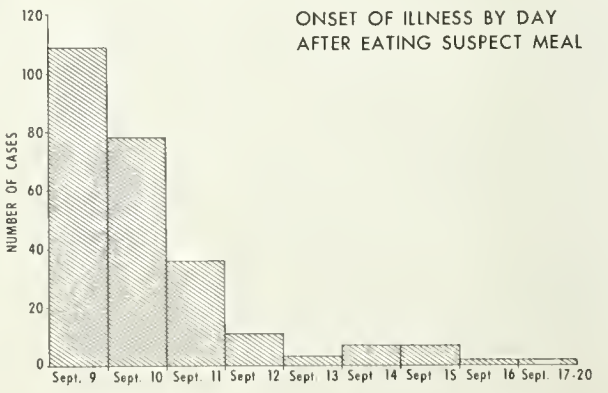
Kansas experienced one of the largest common-source outbreaks of gastroenteritis in its history in early September, 1962. Approximately two-thirds of 1300 persons attending a political banquet became ill with a diarrheal disease after eating dinner at a local Wichita ballroom on September 8, 1962. Beginning Sunday, September 9, many of this same group appeared at physicians' offices throughout the State with symptoms of gastroenteritis. *Salmonella typhimurium* was isolated from many who attended the dinner, and turkey was strongly implicated as the vehicle responsible for the outbreak.

A total of 455 clinical and food histories were obtained from persons who attended the banquet. Of these, 285 (63%) had developed symptoms. Of the 285 who reported symptoms, 210 were sufficiently ill to consult a physician. At least 12 persons were hospitalized. There were no known fatalities. The most prominent symptoms were diarrhea (88%), stomach cramps (41%), fever (39%), nausea (35%), headache (23%), chills (18%), general aching (17%), vomiting (14%), and prostration (12%).

Onsets of illness varied from 9 hours to 12 days after the suspect meal. The median time for onset was 52 hours; the mode, 12-17 hours. The figure (right) shows the onsets of illness by day for the first 12 days after eating the suspect meal.

Stool cultures were obtained from 212 symptomatic cases. Of these, 125 (59%) yielded *Salmonella typhimurium*. Fifty asymptomatic individuals who participated in the banquet submitted stool specimens. Sixteen (32%) of these yielded *S. typhimurium*.

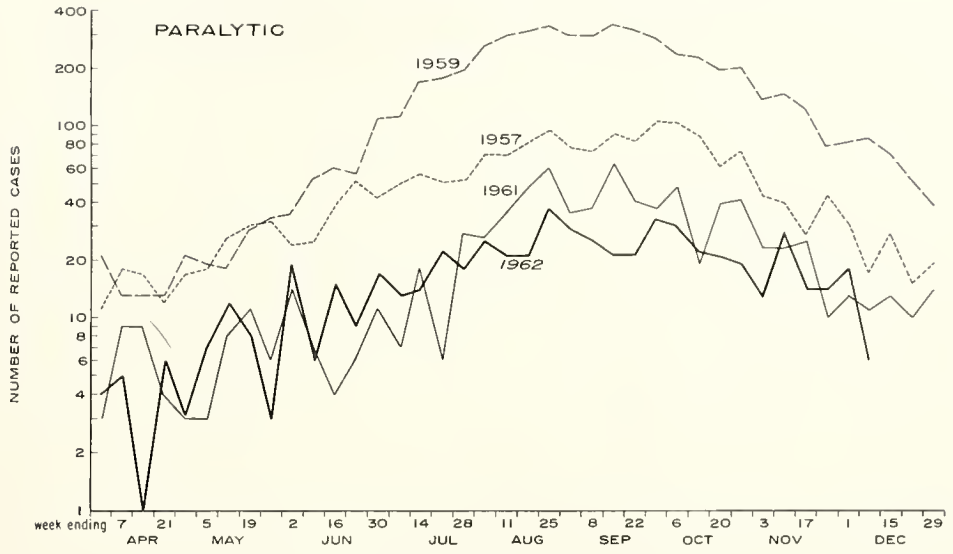
An analysis of 455 food histories was made for both those who reported symptoms consistent with salmonellosis and those asymptomatic individuals from whom *S. typhimurium* was isolated. The data in the table (p. 392) strongly suggests that turkey was the vehicle of the outbreak. The attack rate for those eating turkey was 75.7%, with an attack rate of only 20.5% for those who did not



(Continued on page 392)

CURRENT U.S. POLIO INCIDENCE
COMPARED WITH YEARS 1957, 1959 and 1961
April - December, by week

DATA PROVIDED BY NATIONAL OFFICE OF VITAL STATISTICS AND COMMUNICABLE DISEASE CENTER

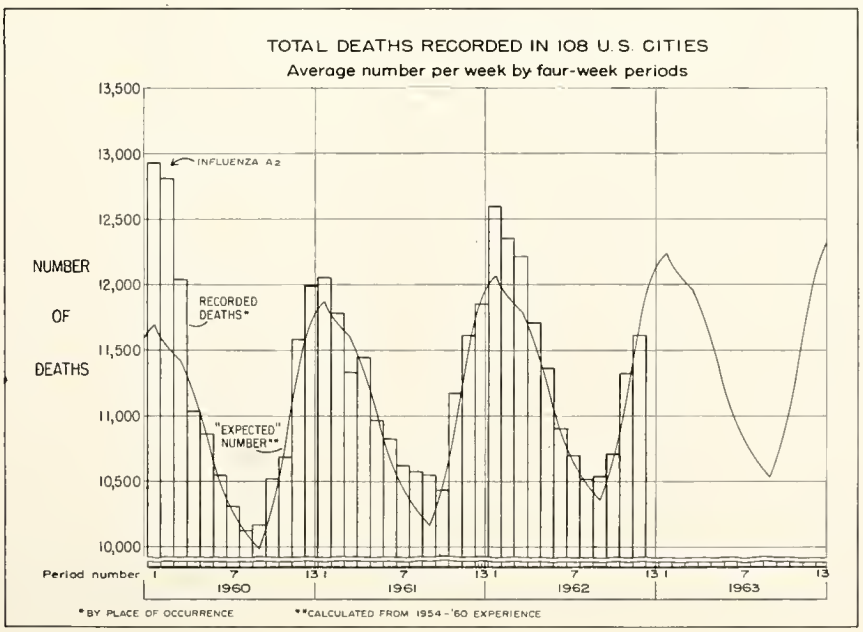


TOTAL DEATHS REPORTED IN 108 CITIES

The weekly average number of total deaths in 108 cities for the four-week period ending December 8 was 11,610 as compared with an expected 11,695 weekly average.

	WEEK ENDING				4 Week Total	Weekly Average
	11/17	11/24	12/1	12/8		
Observed	11,455	10,188	12,636	12,161	46,440	11,610
Expected	11,507	11,641	11,762	11,870	46,780	11,695
Excess	-52	-1,453	874	291	-340	-85

TOTAL DEATHS RECORDED IN 108 U.S. CITIES
Average number per week by four-week periods



(See Table, page 391)

Table 3 CASES OF SPECIFIED NOTIFIABLE DISEASES, UNITED STATES FOR WEEKS ENDED

DECEMBER 9, 1961 AND DECEMBER 8, 1962

Area	Poliomyelitis, Total Cases				Poliomyelitis, Paralytic				Poliomyelitis, Nonparalytic		Aseptic Meningitis	
	49th week		Cumulative First 49 weeks		49th week		Cumulative First 49 weeks		49th week		49th week	
	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961
UNITED STATES	8	19	851	1,299	6	11	677	846	2	3	43	42
NEW ENGLAND	-	2	9	46	-	1	8	30	-	-	2	2
Maine	-	1	-	6	-	1	-	6	-	-	-	-
New Hampshire	-	-	-	2	-	-	-	-	-	-	-	2
Vermont	-	-	1	12	-	-	-	10	-	-	-	-
Massachusetts	-	1	7	20	-	-	7	10	-	-	-	-
Rhode Island	-	-	-	1	-	-	-	1	-	-	2	-
Connecticut	-	-	1	5	-	-	1	3	-	-	-	-
MIDDLE ATLANTIC	-	5	80	336	-	4	59	222	-	-	-	3
New York	-	5	57	250	-	4	39	160	-	-	-	-
New Jersey	-	-	9	35	-	-	9	28	-	-	-	-
Pennsylvania	-	-	14	51	-	-	11	34	-	-	-	3
EAST NORTH CENTRAL	3	1	134	177	3	1	101	111	-	-	7	10
Ohio	-	-	20	48	-	-	18	22	-	-	-	-
Indiana	2	1	23	19	2	1	18	11	-	-	-	-
Illinois	-	-	59	36	-	-	42	19	-	-	4	6
Michigan	1	-	21	40	1	-	17	32	-	-	3	4
Wisconsin	-	-	11	34	-	-	6	27	-	-	-	-
WEST NORTH CENTRAL	-	4	38	79	-	1	27	35	-	1	7	3
Minnesota	-	-	7	6	-	-	7	6	-	-	6	3
Iowa	-	2	7	21	-	-	3	10	-	-	-	-
Missouri	-	-	10	26	-	-	5	8	-	-	-	-
North Dakota	-	1	5	5	-	-	3	1	-	1	-	-
South Dakota	-	1	1	4	-	1	1	2	-	-	-	-
Nebraska	-	-	8	8	-	-	8	4	-	-	-	-
Kansas	-	-	-	9	-	-	-	4	-	-	1	-
SOUTH ATLANTIC	1	1	76	220	1	1	68	163	-	-	2	15
Delaware	-	-	-	2	-	-	-	1	-	-	1	-
Maryland	-	1	2	42	-	1	1	32	-	-	1	-
District of Columbia	-	-	2	3	-	-	1	3	-	-	-	-
Virginia	1	-	10	14	1	-	10	14	-	-	-	1
West Virginia	-	-	18	33	-	-	18	23	-	-	-	-
North Carolina	-	-	13	21	-	-	11	11	-	-	-	-
South Carolina	-	-	6	35	-	-	6	27	-	-	-	-
Georgia	-	-	17	30	-	-	14	23	-	-	-	-
Florida	-	-	8	40	-	-	7	29	-	-	-	14
EAST SOUTH CENTRAL	-	-	78	91	-	-	65	51	-	-	4	1
Kentucky	-	-	29	27	-	-	23	5	-	-	2	-
Tennessee	-	-	12	26	-	-	6	10	-	-	-	1
Alabama	-	-	22	11	-	-	22	11	-	-	1	-
Mississippi	-	-	15	27	-	-	14	25	-	-	1	-
WEST SOUTH CENTRAL	-	4	326	155	-	3	251	87	-	1	3	-
Arkansas	-	2	23	23	-	2	20	12	-	-	-	-
Louisiana	-	1	28	55	-	1	25	44	-	-	-	-
Oklahoma	-	-	31	4	-	-	22	-	-	-	2	-
Texas	-	1	244	73	-	-	184	31	-	1	1	-
MOUNTAIN	-	1	19	48	-	-	15	28	-	-	2	1
Montana	-	-	4	4	-	-	3	2	-	-	-	-
Idaho	-	-	2	14	-	-	1	6	-	-	-	-
Wyoming	-	1	2	1	-	-	1	-	-	-	-	-
Colorado	-	-	4	10	-	-	3	10	-	-	2	-
New Mexico	-	-	2	3	-	-	2	-	-	-	-	-
Arizona	-	-	4	8	-	-	4	6	-	-	-	1
Utah	-	-	1	8	-	-	1	4	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	4	1	91	147	2	-	83	119	2	1	16	7
Washington	-	-	5	31	-	-	5	29	-	-	1	-
Oregon	-	-	7	17	-	-	5	8	-	-	-	-
California	4	1	79	94	2	-	73	77	2	1	15	7
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	5	-	-	-	5	-	-	-	-
Puerto Rico	-	-	11	7	-	-	11	7	-	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 9, 1961 AND DECEMBER 8, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, Infectious		Hepatitis, Infectious and Serum				Measles	
							49th week					
	49th week	Cumulative 49 weeks	49th week	Cumulative 49 weeks	49th week		Under 20 yr.	20 & over	Total	Total	49th week	
	1962	1962	1962	1962	1962	1961	1962	1962	1962	1961	1962	1961
UNITED STATES	14	375	9	432	28	30	491	341	905	1,367	3,693	3,646
NEW ENGLAND	-	4	1	4	-	2	66	48	116	67	171	601
Maine	-	-	-	-	-	-	29	19	48	10	37	169
New Hampshire	-	-	-	-	-	1	3	1	6	4	-	67
Vermont	-	1	-	-	-	-	2	1	3	2	59	28
Massachusetts	-	1	1	2	-	1	26	16	42	40	32	258
Rhode Island	-	-	-	1	-	-	4	5	9	2	-	18
Connecticut	-	2	-	1	-	-	2	6	8	9	43	61
MIDDLE ATLANTIC	-	9	-	20	11	8	67	72	139	121	508	500
New York	-	4	-	18	5	8	40	42	82	43	163	329
New Jersey	-	1	-	1	-	-	5	15	20	27	74	70
Pennsylvania	-	4	-	1	6	-	22	15	37	51	271	101
EAST NORTH CENTRAL	1	81	1	12	3	3	84	62	152	315	1,507	819
Ohio	-	1	-	-	-	-	25	16	42	117	104	40
Indiana	1	7	-	5	-	-	12	11	26	40	32	51
Illinois	-	56	-	2	3	2	15	17	32	49	88	452
Michigan	-	6	1	4	-	1	26	18	44	86	448	161
Wisconsin	-	11	-	1	-	-	6	-	8	23	835	115
WEST NORTH CENTRAL	8	152	3	94	-	1	24	11	45	128	326	77
Minnesota	-	13	3	29	-	-	5	1	8	51	50	7
Iowa	3	84	-	15	-	1	2	3	5	18	120	23
Missouri	-	4	-	5	-	-	8	3	12	41	43	4
North Dakota	-	2	-	8	-	-	2	1	3	2	107	30
South Dakota	-	13	-	17	-	-	1	1	2	4	1	13
Nebraska	1	14	-	18	-	-	-	-	7	7	5	-
Kansas	4	22	-	2	-	-	6	2	8	5	NN	NN
SOUTH ATLANTIC	-	27	3	127	2	4	78	41	124	176	173	257
Delaware	-	-	-	-	-	-	2	1	3	3	4	-
Maryland	-	1	-	-	-	-	6	2	8	8	5	39
District of Columbia	-	-	-	2	-	1	4	-	4	5	-	10
Virginia	-	13	-	14	-	-	12	6	21	36	34	95
West Virginia	-	-	-	2	-	-	10	1	11	20	66	60
North Carolina	-	2	-	11	-	-	32	20	52	62	9	3
South Carolina	-	-	-	10	-	-	1	1	2	12	1	2
Georgia	-	3	2	44	-	-	2	3	7	6	1	-
Florida	-	8	1	44	2	3	9	7	16	24	53	48
EAST SOUTH CENTRAL	1	17	1	32	3	2	52	17	69	208	99	301
Kentucky	-	1	-	-	1	-	14	1	15	73	13	45
Tennessee	-	7	-	7	1	1	25	6	31	83	80	231
Alabama	1	7	1	17	-	-	8	2	10	25	4	15
Mississippi	-	2	-	8	1	1	5	8	13	27	2	10
WEST SOUTH CENTRAL	1	36	-	122	4	1	29	18	48	73	93	284
Arkansas	1	11	-	20	-	1	7	4	11	12	3	-
Louisiana	-	8	-	11	-	-	3	4	7	7	2	1
Oklahoma	-	6	-	8	-	-	3	1	4	8	-	5
Texas	-	11	-	83	4	-	16	9	26	46	88	278
MOUNTAIN	2	14	-	10	-	1	17	2	44	88	248	234
Montana	-	1	-	6	-	-	-	-	-	3	28	120
Idaho	-	1	-	1	-	-	-	-	1	3	31	9
Wyoming	-	1	-	-	-	-	7	-	7	1	3	1
Colorado	-	2	-	-	-	-	3	-	13	29	100	19
New Mexico	-	-	-	3	-	-	5	2	7	6	NN	NN
Arizona	1	4	-	-	-	1	-	-	13	19	42	21
Utah	1	5	-	-	-	-	2	-	2	18	44	54
Nevada	-	-	-	-	-	-	-	-	1	9	-	10
PACIFIC	1	35	-	11	5	8	74	70	168	191	568	573
Washington	-	-	-	-	-	1	17	19	40	21	150	209
Oregon	-	3	-	-	-	-	14	-	33	32	42	67
California	1	29	-	6	5	7	42	47	90	135	181	255
Alaska	-	2	-	5	-	-	1	4	5	2	15	37
Hawaii	-	1	-	-	-	-	-	-	-	1	180	5
Puerto Rico	-	-	-	36	-	-	27	3	30	24	10	26

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

DECEMBER 9, 1961 AND DECEMBER 8, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rcky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	49th wk.	Cumulative 49 weeks	49th week		49th wk.	49th wk.	49th wk.	49th wk.	Cumulative 49 weeks	49th week		Cumulative 49 weeks
	1962	1962	1962	1961	1962	1962	1962	1962	1962	1962	1961	1962
UNITED STATES....	51	2,007	6,992	7,454	4	-	11	16	595	60	53	3,422
NEW ENGLAND.....	2	120	577	314	-	-	-	-	11	-	-	2
Maine.....	-	19	62	13	-	-	-	-	2	-	-	1
New Hampshire.....	-	4	9	1	-	-	-	-	-	-	-	-
Vermont.....	-	4	-	1	-	-	-	-	-	-	-	-
Massachusetts.....	1	48	91	83	-	-	-	-	8	-	-	1
Rhode Island.....	-	13	74	42	-	-	-	-	1	-	-	-
Connecticut.....	1	32	341	174	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	14	359	380	217	1	-	-	3	64	5	1	159
New York.....	4	156	219	134	1	-	-	2	34	5	1	105
New Jersey.....	2	84	74	27	-	-	-	-	12	-	-	1
Pennsylvania.....	8	119	87	56	-	-	-	1	18	-	-	53
EAST NORTH CENTRAL..	11	392	772	546	-	-	-	1	92	5	8	733
Ohio.....	1	118	136	69	-	-	-	-	44	2	1	376
Indiana.....	-	30	109	98	-	-	-	-	12	1	1	186
Illinois.....	5	88	140	99	-	-	-	-	17	-	1	91
Michigan.....	5	134	224	110	-	-	-	-	12	2	5	44
Wisconsin.....	-	22	163	170	-	-	-	1	7	-	-	36
WEST NORTH CENTRAL..	5	106	252	1,029	-	-	4	-	31	24	11	909
Minnesota.....	1	20	14	727	-	-	-	-	-	9	2	227
Iowa.....	-	13	63	63	-	-	-	-	2	8	2	345
Missouri.....	1	25	14	19	-	-	-	-	24	3	3	155
North Dakota.....	-	8	126	92	-	-	-	-	2	3	-	52
South Dakota.....	2	8	6	4	-	-	-	-	1	1	4	102
Nebraska.....	-	17	1	-	-	-	-	-	2	-	-	21
Kansas.....	1	15	28	124	-	-	4	-	-	-	-	7
SOUTH ATLANTIC.....	6	301	617	455	-	-	2	-	103	4	3	355
Delaware.....	-	35	1	5	-	-	-	-	2	-	-	-
Maryland.....	-	24	9	16	-	-	1	-	3	-	-	11
Dist. of Columbia..	-	7	1	1	-	-	-	-	10	-	-	-
Virginia.....	2	69	130	97	-	-	1	-	19	-	-	134
West Virginia.....	1	18	138	147	-	-	-	-	5	3	2	136
North Carolina.....	1	68	31	22	-	-	-	-	6	-	-	-
South Carolina.....	-	20	24	7	-	-	-	-	9	-	-	-
Georgia.....	-	11	2	2	-	-	-	-	24	1	-	11
Florida.....	2	49	281	158	-	-	-	-	25	-	1	63
EAST SOUTH CENTRAL..	-	128	1,001	1,252	2	-	4	7	68	5	12	349
Kentucky.....	-	42	90	95	-	-	-	6	20	3	4	126
Tennessee.....	-	48	803	1,070	-	-	4	-	28	2	6	200
Alabama.....	-	21	11	42	1	-	-	-	12	-	2	23
Mississippi.....	-	17	97	45	1	-	-	1	8	-	-	-
WEST SOUTH CENTRAL..	2	164	815	825	-	-	-	2	125	12	14	593
Arkansas.....	-	17	2	4	-	-	-	2	33	-	3	67
Louisiana.....	-	68	6	5	-	-	-	-	32	-	1	22
Oklahoma.....	-	8	21	5	-	-	-	-	6	-	-	28
Texas.....	2	71	786	811	-	-	-	-	54	12	10	476
MOUNTAIN.....	3	67	1,220	1,493	-	-	-	3	48	-	-	39
Montana.....	1	6	25	56	-	-	-	-	10	-	-	-
Idaho.....	-	3	103	143	-	-	-	-	1	-	-	-
Wyoming.....	-	5	109	7	-	-	-	-	3	-	-	-
Colorado.....	1	10	373	551	-	-	-	-	8	-	-	4
New Mexico.....	1	9	299	363	-	-	-	-	13	-	-	13
Arizona.....	-	15	188	222	-	-	-	3	11	-	-	22
Utah.....	-	10	118	148	-	-	-	-	2	-	-	-
Nevada.....	-	9	5	3	-	-	-	-	-	-	-	-
PACIFIC.....	8	370	1,358	1,323	1	-	1	-	53	5	4	283
Washington.....	-	25	330	464	-	-	-	-	1	-	-	-
Oregon.....	1	22	32	36	-	-	-	-	1	-	-	17
California.....	6	307	770	752	1	-	1	-	50	5	4	266
Alaska.....	1	9	116	21	-	-	-	-	-	-	-	-
Hawaii.....	-	7	110	50	-	-	-	-	1	-	-	-
Puerto Rico.....	-	9	1	-	-	-	-	-	17	-	1	20

Table 4 (A) TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)°

Area	For weeks ending			
	11/17	11/24	12/1	12/8
NEW ENGLAND:				
Boston, Mass.	260	249	282	262
Bridgeport, Conn.	35	36	59	62
Cambridge, Mass.	28	22	26	33
Fall River, Mass.	38	27	29	17
Hartford, Conn.	54	63	53	58
Lowell, Mass.	23	20	27	17
Lynn, Mass.	29	15	21	28
New Bedford, Mass.	29	21	26	25
New Haven, Conn.	49	54	53	69
Providence, R.I.	65	69	63	75
Somerville, Mass.	10	12	14	15
Springfield, Mass.	52	39	41	51
Waterbury, Conn.	29	22	39	31
Worcester, Mass.	51	63	59	59
MIDDLE ATLANTIC:				
Albany, N.Y.	42	45	39	50
Allentown, Pa.	35	37	23	32
Buffalo, N.Y.	160	123	148	147
Camden, N.J.	32	40	37	37
Elizabeth, N.J.	25	21	45	41
Erie, Pa.	32	48	49	54
Jersey City, N.J.	73	72	72	89
Newark, N.J.	94	66	98	139
New York City, N.Y.	1,732	1,644	1,734	1,817
Paterson, N.J.	34	39	42	52
Philadelphia, Pa.	427	362	455	540
Pittsburgh, Pa.	175	135	234	245
Reading, Pa.	23	18	26	23
Rochester, N.Y.	100	104	115	115
Schenectady, N.Y.	25	26	32	28
Scranton, Pa.	32	20	52	39
Syracuse, N.Y.	64	68	75	66
Trenton, N.J.	66	44	47	28
Utica, N.Y.	28	38	26	30
Yonkers, N.Y.	26	24	25	22
EAST NORTH CENTRAL:				
Akron, Ohio	57	43	74	37
Canton, Ohio	29	34	35	33
Chicago, Ill.	738	667	826	739
Cincinnati, Ohio	164	138	184	152
Cleveland, Ohio	194	201	218	211*
Columbus, Ohio	149	108	128	99
Dayton, Ohio	74	98	93	94
Detroit, Mich.	372	371	323	396
Evansville, Ind.	34	41	41	32
Flint, Mich.	35	28	56	36
Fort Wayne, Ind.	41	40	47	47
Gary, Ind.	22	18	56	28
Grand Rapids, Mich.	66	53	51	73
Indianapolis, Ind.	144	166	144	151
Madison, Wis.	52	53	37	50
Milwaukee, Wis.	127	114	115	139
Peoria, Ill.	31	21	20	18
Rockford, Ill.	26	28	31	28
South Bend, Ind.	43	47	47	36
Toledo, Ohio	101	77	112	91
Youngstown, Ohio	53	52	66	56
WEST NORTH CENTRAL:				
Des Moines, Iowa	55	42	55	51
Duluth, Minn.	15	25	37	28
Kansas City, Kans.	44	31	47	52
Kansas City, Mo.	111	103	163	155
Lincoln, Nebr.	28	27	32	29
Minneapolis, Minn.	120	110	149	112
Omaha, Nebr.	78	60	75	83
St. Louis, Mo.	258	205	280	218
St. Paul, Minn.	77	57	77	64
Wichita, Kans.	38	44	68	36
SOUTH ATLANTIC:				
Atlanta, Ga.	153	93	147	134
Baltimore, Md.	256	223	282	277
Charlotte, N.C.	41	25	47	36
Jacksonville, Fla.	92	54	81	53
Miami, Fla.	75	55	82	69
Norfolk, Va.	50	39	71	60
Richmond, Va.	83	84	88	92
Savannah, Ga.	34	36	31	49
St. Petersburg, Fla.	71	80	83	89
Tampa, Fla.	87	68	65	80
Washington, D.C.	192	195	233	209
Wilmington, Del.	43	31	45	39
EAST SOUTH CENTRAL:				
Birmingham, Ala.	82	79	102	103
Chattanooga, Tenn.	37	36	48	62
Knoxville, Tenn.	52	31	37	39
Louisville, Ky.	161	61	73	168
Memphis, Tenn.	108	76	181	168
Mobile, Ala.	40	49	50	48
Montgomery, Ala.	35	17	37	25
Nashville, Tenn.	81	60	74	73
WEST SOUTH CENTRAL:				
Austin, Tex.	37	35	49	35
Baton Rouge, La.	45	13	44	23
Corpus Christi, Tex.	11	16	20	16
Dallas, Tex.	124	127	126	147
El Paso, Tex.	42	26	47	40
Fort Worth, Tex.	67	46	62	96
Houston, Tex.	173	150	241	155
Little Rock, Ark.	51	48	63	74
New Orleans, La.	163	182	182	161
Oklahoma City, Okla.	65	51	95	94
San Antonio, Tex.	96	83	121	114
Shreveport, La.	38	51	65	44
Tulsa, Okla.	50	35	73	78
MOUNTAIN:				
Albuquerque, N. Mex.	31	27	36	46
Colorado Springs, Colo.	15	14	19	26
Denver, Colo.	114	97	152	108
Ogden, Utah	14	9	12	12
Phoenix, Ariz.	97	66	114	96
Pueblo, Colo.	14	18	19	19
Salt Lake City, Utah	67	35	62	46
Tucson, Ariz.	49	51	57	55
PACIFIC:				
Berkeley, Calif.	19	14	20	30
Fresno, Calif.	56	37	45	31
Glendale, Calif.	48	36	33	33
Honolulu, Hawaii	44	28	31	32
Long Beach, Calif.	63	45	99	51
Los Angeles, Calif.	450	436	619	483
Oakland, Calif.	109	99	92	95
Pasadena, Calif.	35	26	47	37
Portland, Oreg.	80	95	138	133
Sacramento, Calif.	77	47	74	45
San Diego, Calif.	98	86	98	131
San Francisco, Calif.	217	157	228	221
San Jose, Calif.	26	32	38	38
Seattle, Wash.	144	113	185	139
Spokane, Wash.	56	43	60	48
Tacoma, Wash.	33	38	58	40*
San Juan, P.R.	32	38	41	31

*Estimate - based on average percent of divisional total
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

° Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages..... 12,161
4(B) Pneumonia-Influenza Deaths, all ages..... 479
4(C) Total Deaths under 1 Year of Age..... 971
4(D) Total Deaths, Persons 65 years and over..... 6,577

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eat turkey. A similarly high attack rate (76.5%) was noted for those eating dressing. However, the attack rate of 52.1 percent for those not eating dressing tends to make this a less likely vehicle.

ATTACK RATE FOR CONSUMPTION OF SPECIFIC FOOD ITEMS SERVED AT THE POLITICAL RALLY

	Ate Suspect Item			Did Not Eat Suspect Item		
	Total	Ill	% Ill	Total	Ill	% Ill
Sliced Turkey	376	285	75.7	78	16	20.5
Dressing	264	202	76.5	190	99	52.1
Gravy	158	103	65.1	297	198	66.6
Ham	310	183	59.0	145	118	81.3
Green Beans	363	231	63.6	92	70	76.0
Boiled Potatoes	323	215	66.5	132	86	65.1
Lettuce Salad	327	204	62.3	128	97	75.7
Shortcake	362	233	64.3	93	68	73.1

Eighteen persons involved in the preparation and serving of the dinner were interviewed. Only one reported illness after eating the suspect meal. None gave a history of gastroenteritis in the months preceding the banquet. *Salmonella typhimurium* was isolated from only one food handler, the co-owner of the catering firm who personally cooked all of the turkeys served. Although she sampled cooked meat from many of the turkeys she denied illness before or after the banquet.

Surveys were conducted at a local turkey farm and turkey processing plant, each of which were known to have supplied the caterers. Forty cloacal swab cultures and 60 environmental cultures were obtained. No isolations of *S. typhimurium* were made from either source, or from a single processed turkey known to have originated from the same lot as those served. A surface swab culture taken 9 days after the banquet from the serving table used at the banquet grew *S. typhimurium*.

Though all the details around the preparation, storage, and transport of the turkey are not clear, it was established that the facilities for cooking and refrigeration of the turkeys were inadequate.

Two possibilities remain as a source of introduction of the organism into the sliced turkey: (1) an infected flock of turkeys and (2) an asymptomatic carrier involved in the preparation of the turkeys. One month after the outbreak, many persons still harbored the organism and secondary outbreaks were reported from at least three families.

(Reported by Dr. Leon Bauman, Director, Wichita-Sedgwick County Health Department, Dr. Donald E. Wilcox, Director, Division of Preventable Diseases, Kansas State Board of Health, and a team from the Communicable Disease Center.)

INTERNATIONAL NOTES – QUARANTINE MEASURES

No additional pertinent information or changes.

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